PASSAGE PLAN	SHIP'S FILE NO: M50 OFFICE FILE NO: N/A	UNIVAN MARITIME (H.K.) LIMITED
APPLIC	FORM 2.1	ISSUE 1
APPLICABLE FOM SECTIONS: 8.6.6, 8.13, 8.14, 8.15		REV 1
8.6.6, 8.13, 8.14, 8.15	DATE: 18.12.2009	PAGE 1/9

	·	~																		
თ	υ.	4	ω	2			Ş₽	GPS	Passa	If UKC	(If Exp.	D) Res		Shallo	C) Squ	Expec	B) 20%	A) Ma		Voya
006	005	004	003	002	201			WP Name.	ige from B	less than 10%	Min. depth le	sultant marg		w water Squa	uat for above	ted Maximu	6 of maximu	ximum stati		Voyage No:
04° 11.50′	04° 12.80'	04° 12.90'	04° 22.00'	04° 25.00'	04° 25.58'		Z	Lat.	erth to PB0	case to be i	ss than mare	in of safety		$at = 2 \times bloch$	e speed (as	m speed du	ım static dra	c draft durir		ω
06° 58.80'	07° 00.00'	07° 00.50'	07° 06.60'	07° 07.70'	07° 08.69'		m	Long.	(J	e-assessed a	jin of safety, h	for the voya	100	coefficient x	appropriate	ring the voy	aft:	ig the voyagi		37 Vessel's Name:
	223	259	214	200	240			င၀		nd office	ighlight l	ge (A+B	0	V2_Dee	for Shal	age (V):		e.	***************************************	Vame:
	1.8	0.5	10.9	3.2	_1			Dist		contacted)	eg and che	Ċ):		p water S	low or De	~ `	1.96	9.8		M.T. AI
	2	2	13	16	18			DTG			ck if UKC gr	12.3		quat: bl <u>ock o</u>	ep Water:	ω	3	3		M.T. ALPINE MELINA
	3286	3286	3287/3286	3287	3287			Charts			eater than 10%		100	coefficient x V		Shallow water				INA
	3	0	თ	თ	5		KNOTS	Speed			of max	O1		יין	0.55	6.0 KTS				
	5~6	5~6	5~6	5~6	5~6		Interval	Fix		Squat	draft - see				2.59				To:	From:
100	V,R,G	V,R,G	V,R,G	V,R,G	V,R,G		Method	Fix		ue to heel (pg 10.					S	İ		NEW YO	BONNY
	4.6	8.6	3.6	10.6	7.6	(m)	DEPTH	ExpMin		@ 5 deg		- Cor	- Abc	- Rep	- Par	- Wh	- Saf	E) Follo	DRK, US	BONNY, NIGERIA
	0.60	0.08	1.82	0.53	0.22		(HOURS)	Leg Time		1.366		ntingency	ort Positio	orting Po	allel index	eel over p	ety range:	wing mus	Α	IA
	D	D	D	D	D		Туре	Watch			l	Anchora	ā	ints	cing dist	oints	s / Beari	t be sho		Draft
WAYPOINT 7. K VESSEL AT PBO	ONCE PILOT SECURITY VE	MONITOR UKC	THE FAIRWAY	CHECKLISTS A	VESSEL UNDE					SQUAT DUE T	Cb = Disp / (LE	age			tances		ings	own on the ch	Aft	Draft: Fwd
EEP SHARP LOOK OUT FO MAINTAIN PROPER VIGI	DISEMBARKS, VESSEL I SSELS FOR FURTHER	AT ALL TIMES, ANTI PAT ALL TIMES, COMMI	NOSE PLAS MARKED R POSITION FIXING V	NCE UNDERWAY, KEEP V	R PILOT AND UNDER SE			eed restriction, high		'O HEEL = (1/2BM*sin0 +	BPxBMxDraft)							iart as applicable	9.80	9.80
OR FISHING VESSELS AND ILANCE AT ALL TIMES.	WILL BE ESCORTED BY 20 NM INTO SEA TILL	PIRACY WATCHES TO BE UNICATE WITH ESCORT	ON CHART. USE RADAR ÆRIFY WITH GPS POS.	RESSEL ON TRACK WITHIN	ECURITY VESSEL ESCORT			traffic density, etc)		Draft*cos0)- Draft									m	m
	006 04° 11.50′	005 04° 12.80′ 07° 00.00′ 223 1.8 2 3286 3 5~6 V,R,G 4.6 0.60 D 006 04° 11.50′ 06° 58.80′	004 04° 12.90' 07° 00.50' 259 0.5 2 3286 6 5~6 V,R,G 8.6 0.08 D 005 04° 12.80' 07° 00.00' 223 1.8 2 3286 3 5~6 V,R,G 4.6 0.60 D 006 04° 11.50' 06° 58.80' 4	000 04° 22.00' 07° 06.60' 214 10.9 13 3287/3286 6 5~6 V,R,G 3.6 1.82 D 004 04° 12.90' 07° 00.50' 259 0.5 2 3286 6 5~6 V,R,G 8.6 0.08 D 005 04° 12.80' 07° 00.00' 223 1.8 2 3286 3 5~6 V,R,G 4.6 0.60 D 006 04° 11.50' 06° 58.80' - - 3286 3 5~6 V,R,G 4.6 0.60 D	000 04° 25.00' 07° 07.70' 200 3.2 16 3287 6 5~6 V,R,G 10.6 0.53 D 000 04° 22.00' 07° 06.60' 214 10.9 13 3287/3286 6 5~6 V,R,G 3.6 1.82 D 004 04° 12.90' 07° 00.50' 259 0.5 2 3286 6 5~6 V,R,G 8.6 0.08 D 005 04° 12.80' 07° 00.00' 223 1.8 2 3286 3 5~6 V,R,G 4.6 0.60 D 005 04° 11.50' 06° 58.80' - - 3286 3 5~6 V,R,G 4.6 0.60 D	301 04° 25.58' 07° 08.69' 240 1.1 18 3287 5 5~6 V,R,G 7.6 0.22 D 8 022 04° 25.00' 07° 07.70' 200 3.2 16 3287 6 5~6 V,R,G 10.6 0.53 D 9 033 04° 22.00' 07° 06.60' 214 10.9 13 3287/3286 6 5~6 V,R,G 3.6 1.82 D 9 04° 12.90' 07° 00.50' 259 0.5 2 3286 6 5~6 V,R,G 8.6 0.08 D 9 05 04° 12.80' 07° 00.00' 223 1.8 2 3286 3 5~6 V,R,G 4.6 0.60 D 9 05 04° 11.50' 06° 58.80' 1.8 2 3286 3 5~6 V,R,G 4.6 0.60 D	1	N N N N N N N N N N	No. Name N	N ExpMin Lat. Long. Co Dist DTG Charts Speed Fix N ExpMin Leg Time Watch N ExpMin Leg Time Watch N N N N N N N N N	Stage from	Typ. Min. depth legs than margin of safety, highlight leg and check if UKC greater than 10% of max draft - see pg 10. CC less than 10% case to be re-assessed and office contacted. Both case from Berth to PBG Co. Dist less than 10% of max draft - see pg 10. Squat due to heel ® 5 deg 1.366 Value to heel ® 5 deg Lat. Leg Time leg and check if UKC greater than 10% of max draft - see pg 10. Speed Fix Fix Fix ExpMin Leg Time leg and check if UKC greater than 10% of max draft - see pg 10. Value to heel ® 5 deg Value to heel ® 5 deg		About Position Abou	Continue Continue	squat for above speed (as appropriate for Shallow or Deep Water: 0.55 2.59 - Parallel indexing dist indexing dist indexing dist indexing dist indexing points indexing point	Control Cont	Sale Sale		To: NEW YORK, USA

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22	21	20	6	2	17	16	15	14	13	12		10	9	8	7	თ	GPS WP	Passa			
022	021	020	019	018	017	016	015	014	013	012	011	010	900	800	007	006	WP Name.	ige from		SHIP'S	
40° 27.00′	40° 00.00'	39° 45.00'	39° 10.00'	38° 00.00'	35° 44.80'	32° 52.70'	29° 20.90'	25° 07.30'	20° 11.40′	14° 36.00'	08° 28.30'	02° 00.00'	02° 00.00'	02° 30.00'	03° 53.00'	04° 11.50'	N Lat.	Bonny Pilot		S FILE NO: M50	INU
73° 48.00'	73° 00.00'	72° 25.00'	72° 00.00'	71° 00.00'	63° 37.50'	56° 15.00'	48° 52.50'	41° 30.00'	34° 07.50'	26° 45.00'	19° 22.50'	15° 00.00'	04° 00.00'	07° 00.00'	07° 05.00'	06° 58.80'	Long. E	Passage from Bonny Pilot Stn To New York Pilot Stn	PAS	M50	UNIVAN MARITIME (H.K.) LIMITED
8	8	8	8	8	8	8	8	8	<u> </u>	8	8	8	-					/ Yor	SAGE		Z
	306	299	331	326	291	295	299	303	306	308	310	330	270	261	183	162	င္ပ	Pilot	PASSAGE PLAN		(I)
	45.50	30.80	40.00	84.30	378.90	403.90	433.90	468.00	504.20	539.10	568.30	446.00	1179.00	182.00	83.00	19.50	Dist	Stn	_	OFFIC	(.) LIMIT
	45	76	116	201	580	983	1417	1885	2390	2929	3497	3943	5122	5304	5387	5406	DTG			OFFICE FILE NO: N/A	ED
	2755/3204	2860/2755	2860	4403/2670 / 2860	4403	4407/4403	4407	4115/4407	4115	4215/4115	3139/4215	595/3139	3118/595	1386/3118	1386	3286/1386	Charts	Open waters		/A	
	œ	13	13	13	13	13	13	13	13	13	13	13	13	13	13	σ.	Speed	ters			
***************************************	5	30/10	60/30	60	60	60	60	60	60	60	60	60	60	60	30/60	10	Fix Interval	Squat @			
	V,R,G	V,R,G) G,DR,S	G,DR,S	G.DR,S	G.DR,S	G,DR,S	G,DR,S	G.DR,S	G.DR,S	G.DR.S	G,DR,S	G,DR,S	G.DR.S	G,DR,S	G.DR,S	Fix Method	t @ 6.0 Kts		FO	ISSUE 1
	23.7	52.9	94.9	999.7	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	998.8	298.8	21.7	ExpMin U.K.C. Depth (m)		APPLICA	FORM 2.1	
	5.69	2.37	3.08	6.48	29.15	31.07	33.38	36.00	38.78	41.47	43.72	34.31	90.69	14.00	6.38	2.44	Leg Time HOURS	Squat @ 13.0 Kts	BLE FOM SI		70
	n	A/B/C	Α⁄Β	Α⁄Β	Α/B	Α/B	Α/B	Α/B	ΑB	Α/B	A∕B	Α/B	Α/B	Α/B	C/A/B	C	Watch Type	3.0 Kts	ECTIO		REV 1
	ON OR CLO			CROSSING APPROACI	OBTAIN WEA				L	L				L		SECURITY SHARP LC		1.29	NS: 8.6.6,		
	ON OR CLOSE TO CHARTED TRACK. REPORTING TO BE CARRIED OUT AS MARKED ON CHART.	DEPTHS ARE IN FATHOMS. BE AWARE OF THIS AND MONITOR UKC AT ALL TIMES, KEEP VESSEL	AND OBSTRUCTION ARE PRESENT, KEEP WELL CLEAR OF THEM. FROM CHART BA. 2670 ALL	CROSSING TRAFFIC MAY BE ENCOUNTERED. ON APPROACH TO NEW YORK NUMEROUS WRECKS	OBTAIN WEATHER FORECAST FOR THE PASSAGE REGULARLY.	VESSEL IN ATLANTIC OCEAN, USE DR AND SIGHT TO DETERMINE / VERIFY VESSEL POSTION.	ANY ADVERSE WEATHER CONDITION ON OWN PASSAGE.	VESSEL IN ATLANTIC OCEAN, WEATHER FAX TO BE OBTAINED, CHECK FOR ANY LOW PRESSURE OR	FREQUENTLY WHEN EVR WEATHER PERMITS. USE DR TO VERIFY POSITION EVERY WATCH.	CLOSE QUARTER SITUATION. TAKE SIGHTS FOR CALCULATING AND VERIFYING VESSELS POSITION	VESSEL PASSING SOUTH OF CABO VERDE ISLANDS. KEEP WELL CLEAR OF ANY TRAFFIC AND AVOID	VESSEL ENTERING INTO ATLANTIC OCEAN, MAY ENCOUNTER CROSSING TRAFFIC FROM BOTH SIDES	VESSEL ON WESTERLY COURSE IN GULF OF GUINEA, MAINTAIN PROPER LOOK OUT FOR SMALL CRAFTS.	MEASURES TO BE MAINTAINED THROUGH OUT THIS COURSE, SPECIALLY DURING NIGHT TIME.	VESSEL TO PROCEED AT FULL SPEED ON SOUTHERLY COURSE, AWAY FROM LAND. EXTRA SECURITY	SECURITY WILL ESCORT TILL WAYPOINT 7. KEEP SHARP LOOK OUT FOR ANY SUSPICIOUS CRAFTS.	Notes (Speed restriction, high traffic density, etc)	Heel @ 8 degrees	APPLICABLE FOM SECTIONS: 8.6.6, 8.13, 8.14, 8.15	DATE: 18.12.2009	PAGE 2/9

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UNIVAN MARI	UNIVAN MARITIME (H.K.) LIMITED	ISSUE 1	REV 1	PAGE 5/9
SHIP'S FILE NO: M50	OFFICE FILE NO: N/A	FORM 2.1	DATE	DATE: 18.12.2009
PASS	PASSAGE PLAN	APPLICABLE FOM SECTIONS: 8.6.6, 8.13, 8.14, 8.15	TIONS: 8.6.6, 8.13	, 8.14, 8.15
Charts to be used in the passage: BRITISH ADMIRALTY: 3287, 328	ssage: 3287, 3286, 1386, 3118, 595, 3139, 4215, 4115, 4407, 4403, 2670, 2860, 2755, 3204, 3459, 3458, 3457, 3456	403, 2670, 2860, 2755, 3204, 3459	, 3458, 3457, 3456	
Sailing Directions to be used during the voyage:	the voyage:			
NP1-AFRICA PILOT VOL I				
NP59-NOVA SCOTIA & BAY OF FUNDY PILOT	DY PILOT			
NP88-EAST COAL OF UNITED STATES PILOT, VOLT	ES PILOT, VOLT			
Routeing Charts to be used in the passage:	assage:			
CHART 5124 (11) - ROUTEING CHA	CHART 5124 (10) - ROUTEING CHART NORTH ATLANTIC OCEAN (NOVEMBER) CHART 5124 (11) - ROUTEING CHART NORTH ATLANTIC OCEAN (NOVEMBER)			
List of Lights to be used in the passage:	age:			
VOLD(NP 77)				
VOL J(NP82)				
List of Radio Signals to be used in the passage:	List of Radio Signals to be used in the passage:	DIO STATIONS	Allah jelepengan kanan kan	
<u>N</u> :	ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND OCEANIA - MARITIME RADIO STATIONS ND 283 - CONOR C, OT MICE AND CONCLEXCEDING FOR EAST AND			
NP 283(1): EUROPE, AFRICA AND A	. RADIO AIDS TO NAVIGATION, SATELLITE STS, NAV STS, LEGAL TIME, RADIO TIME SIGNALS & EFFS THE AMERICAS FAR FAST AND OCEANIA (MARITIME SAFETY INFORMATION SERVICES)	RADIO TIME SIGNALS & EFFS. RMATION SERVICES)		
NP 284 : METEOROLOGICAL OBSI NP 285 : GMDSS	NP 284 : METEOROLOGICAL OBSERVATION STATIONS NP 285 : GMDSS			
NP 286(5):NORTH AMERICA, CANADA AND GREENLAND	MEDICA AND THE CADIBBEAN			
NP 286(8):AFRICA(EXCLUDING MEDITERRANEAN COAST), RED S	286(7) :CEN IRAL AND SOUTH AMERICA AND THE CARIBBEAN 286(8) :AFRICA(EXCLUDING MEDITERRANEAN COAST), RED SEA AND PERSIAN GULF.	SIAN GULF.		
Tidal current atlases to be used in the passage	ne passage & Tide tables:			
NP 202-13(ATT VOL-2)				

		. F B B B B B B B B B B B B B B B B B B									
	ONIVA	UNIVAN MARITIME (H.R.) LIMITED	ME (H.K.) L				ISSUE 1		REV 1	_	PAGE 6/9
SIHP'S	P'S FILE NO: M50	M50	OF.	OFFICE FILE NO: N/A	IO: N/A		FORM 2.1	<u> </u>		DATE: 18.1;	18.12.2009
		PASSAGE	SE PLAN				APPLICA	PLICABLE FOM SECTIONS: 8.6.6	TIONS: 8.6.6,	8.13, 8.14,	8.15
Tido for Jon											The Production with the Control of t
Departure Port:	7.	BONNY				Arrival Port:	Ā 	NEW YORK	^		
Day 1:			Day 2:		***************************************	Day 1:			Day 2:		
	Time	Height	Tide	Time	Height	Tide	Time	Height	Tide	Time	Height
HW			ΗW			¥			H V		
LW			L			LW		-	LW		
¥	SEE ATTACHED SHEET	HED SHEET	WH			HW.	SEE ATT	ATTACHED SHEET			
Ε.			LV			LW					
Details of VTS reporting to be carried out on the passage:	reporting to	be carried o	ut on the pas	ssage:							-
VESSEL TO CALL SECURITY VESSELS ON VHF CH: 68	ALL SECURIT	TY VESSELS	ON VHF CH	: 68							
VESSEL CALL SIGN FOR SECURITY PURPOSE AND TRANSITING UNDER ESCORT: DELTA	SIGN FOR S	ECURITY PU	RPOSE AND	TRANSITING	3 UNDER ES	CORT: DELTA	PAPA	FOF	FOR DETAIL SEE ATTACHED SHEETS	E ATTACHED	SHEETS
CALL SIGN FOR SECURITY VESSELS (ARRV): KILO UNIFORM	OR SECURITY	VESSELS (A	ARRV): KILO	UNIFORM	Proposition 1000 1000 1000 1000 1000 1000 1000 10						
CALL SIGN FOR SECURITY VESSELS (DEP): PAPA BRAVO	OR SECURITY	VESSELS (L)EP): PAPA E	3RAVO	BONNY PI	BONNY PILOTS: VHF CH-16 / 1	H-16 / 14	BERTHING	BERTHING MASTER: VHF CH-08	+F CH-08	
SANDY HOOK	7100	- CH- 13, 16,			J				AMVER IC	AMVER IOBE SENI AS	IC:
VIS ON: O		ING	PLAN=VHF CH	CH-11	SEE ATTACHED	ALRS SHEETS FOR	SEE ATTACHED ALRS SHEETS FOR VTS AREA AND REPORTING	PORTING	SAILING P	SAILING PLAN (ON DEP BONNY)	BONNY)
1	AREA 1= VHF	CH 14							POSITION	POSITION REPORT (DAILY NOON)	AILY NOON)
?	AREA 2= VHF	CH 12							DEVIATION	DEVIATION REPORT(IF ANY)	ANY)
	AREA 3= VHF	CH 12							FINAL REF	FINAL REPORT (ON ARRV)	(RV)
/Δ	ORAGE	ADMINISTRATION (Area 1,	TION (Area 1	2, 3) =VHF	CH 12				ENOA TO B	ENOA TO BE SENT THRU MAIL	MAIL
Additional remarks:	narks:										
DISTANCE TABLES, NAUTICAL ALMANAC, MARINERS HA	TABLES, NAUTICAL ALMANAC, ALA BLIOYAGE SYSTEM BRIDO	SYSTEM BRI	C, MARINE		GUIDE	NDBOOK, GUIDE TO PORT ENTRY, INT	RY, INTERNA	ARDOL OWNERS CHARTERERS INSTRUCTIONS AND	OF		
FLEET OPERATIONAL MANUAL , FORM MANUAL	TIONAL MAN	UAL, FORM	MANUAL						7		
NAVTEX STATION : INTERNATIONAL: C, U, B, N, F, U	ION :INTERN	ATIONAL: C,	U, B, N, F, U	:NATIO	:NATIONAL: M, P, V				<u> </u>	,	
NAVAREA: NAVAREA II, NAVAREA IV.	VAREA II, NA	AVAREA IV.									
GMDSS SEA AREA: A1,A2, A3	REA : A1,A2,	A3							+		
Prepared by 2 nd Off (Name)	Off (Name)		Verified by 3rd	rd Off (Name)		Verified by	Sh/Off (Name)	e	Authorized	Authorized by Master (Name)	Vame)
	5	<u> </u>				To the second			+	\	
KISHAN SINGH BOHR	BOHRA		BHUPINDER	SINGH		SWAR	SAWANT	(Capt. RAVI	Capt. RAVI MUKHERJEE	111
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